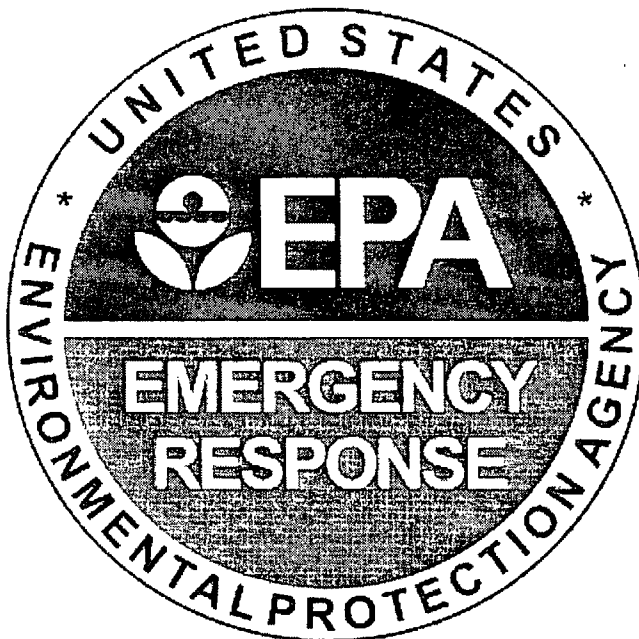


U.S. ENVIRONMENTAL PROTECTION AGENCY  
POLLUTION/SITUATION REPORT  
Patterson Chemicals Site - Removal Polrep



EPA Region 5 Records Ctr.



387596

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region V

**Subject:** POLREP #1  
Initial  
Patterson Chemicals Site  
  
Detroit, MI  
Latitude: 42.2810640 Longitude: -83.1422480

**To:** jason el-zein, epa  
beverly kush, epa  
carol ropski, epa  
larry johnson, orc  
john maritote, epa  
william messenger, epa  
raymond scott, detroit  
harold watkins, detroit fire department

**From:** Partap Lall, OSC

**Date:** 3/23/2011

**Reporting Period:** 3-21-2011 to 3-23-2011

## **1. Introduction**

### **1.1 Background**

<b>Site Number:</b>	B5XJ	<b>Contract Number:</b>	
<b>D.O. Number:</b>		<b>Action Memo Date:</b>	
<b>Response Authority:</b>	CERCLA	<b>Response Type:</b>	Time-Critical
<b>Response Lead:</b>	PRP	<b>Incident Category:</b>	Removal Action
<b>NPL Status:</b>	Non NPL	<b>Operable Unit:</b>	
<b>Mobilization Date:</b>	3/21/2011	<b>Start Date:</b>	
<b>Demob Date:</b>		<b>Completion Date:</b>	
<b>CERCLIS ID:</b>		<b>RCRIS ID:</b>	
<b>ERNS No.:</b>	934901	<b>State Notification:</b>	
<b>FPN#:</b>		<b>Reimbursable Account #:</b>	

#### **1.1.1 Incident Category**

PRP Removal Action

#### **1.1.2 Site Description**

An abandoned chemical manufacturing factory/warehouse has a leaking sulfur well in the large building. Facility has a number of drums , two chemical labs with containers scattered around and a number of process tanks mostly partially full. PRP has been contacted and the gate has been secured by the PRP. UAO has been issued and the PRP contractors have started Removal as of 3-21-2011. City of Detroit has participated in site visits and is very motivated to get the site cleaned up.

##### **1.1.2.1 Location**

The Site is located at

11930 Pleasant St.  
Detroit, MI 48217

Latitude: 42.2810640  
Longitude: -83.1422480

##### **1.1.2.2 Description of Threat**

The Site (latitude 42.280829°North and longitude 83.142623°West) is located at 11930 Pleasant Street in Detroit, Wayne County, Michigan 48217. It is located in a mixed

residential/industrial area. The Site consists of three main buildings, 25 exterior ASTs, and eight interior ASTs. The Site is bordered on the south by Pleasant Street and residential properties, and on the west, north, and east by industrial sites. Site access is unrestricted, even though the Site is completely fenced. Evidence of unauthorized access (i.e., trash dumping and vandalism) was observed. Vulnerable county drains and residential areas border the Site to the west and south. Rouge River is just a short walk.

The Site is the former location of Patterson Laboratories, Inc., a chemical formulation company, and subsequently West Win, Ltd. Both companies used the Site buildings for formulating commercial chemicals. The Detroit Fire Department (DFD) stated that the Site buildings have not been used for approximately 2 years. Site contains numerous containers of corrosive, flammable and reactive chemicals in various stages of deterioration leaking to the surroundings.

### **1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results**

During the site assessment, the following observations were made. Building 1 is a small outbuilding located near the southeast portion of the Site. This building contains 27 drums and containers, ranging in size from 5 to 55 gallons, and at least 40 small containers, ranging in size from 20 ounces to 1 gallon. A number of the drums are open or have open bung holes. Evidence of leaking drums and containers is present given that floor staining was observed and areas of the building floor contain puddles of unknown liquid. Debris and general refuse are strewn throughout the building. In addition, Building 1 contains a small laboratory room that contains numerous laboratory chemicals.

Building 2 is the large main building at the Site. This building contains the following uncontrolled, unlabeled, and unidentified materials: 30 drums, ranging in size from 5 to 55 gallons; eight ASTs; totes; small containers; one standing pipe that was plugged by DWSD; and one area of standing water that measures approximately 20 feet by 18 feet. H<sub>2</sub>S readings at the well head ranged from 5 to 70 ppm. There were no readings of H<sub>2</sub>S observed in the breathing zone throughout the main building. Areas of this building are structurally damaged and one area of the building contains a large hole in the roof. There was evidence of a liquid waste material draining into a floor drain in Building 2 and leaking through cracks of the Building 2 foundation and onto surface concrete.

Building 3 is a large building located directly north of Building 2. In this building, a dark brown liquid was observed draining into a floor drain of a truck well and an area, measuring approximately 10 feet by 15 feet, where standing oil is located near two pieces of heavy machinery.

Samples taken during site assessment confirmed leaking corrosive materials, flammables and reactive materials .

## **2. Current Activities**

### **2.1 Operations Section**

#### **2.1.1 Narrative**

### 2.1.2 Response Actions to Date

PRP contractos Dynecol , Inc. and management contractor D'Angelo mobilized to the site at 8 AM on March 21, 2011.

After site safety meeting and a site walk through, Dynecol crew gathered, staged and investigated all small containers for lab packs.

March 22,2011

Dynecol crew containerizeed all small containers in cubic yard boxes. Crews started gathering and staging drums from throughout the site.

3-23-2011

Continued to gather and stage drums for sampling and categorization.

### 2.1.3 Enforcement Activities, Identity of Potentially Responsible Parties (PRPs)

It is a PRP removal

### 2.1.4 Progress Metrics

<i>Waste Stream</i>	<i>Medium</i>	<i>Quantity</i>	<i>Manifest #</i>	<i>Treatment</i>	<i>Disposal</i>

## 2.2 Planning Section

### 2.2.1 Anticipated Activities

After haz-cattng Profile waste for disposal

#### 2.2.1.1 Planned Response Activities

Continue to make disposal arrangements for drums and lab packs.  
Start handling ASTs and their contents.

#### **2.2.1.2 Next Steps**

Testing , disposal and plans for Tank waste

#### **2.2.2 Issues**

None

#### **2.3 Logistics Section**

#### **2.4 Finance Section**

#### **2.5 Safety Officer**

#### **2.6 Liaison Officer**

#### **2.7 Information Officer**

### **3. Participating Entities**

#### **3.1 Unified Command**

#### **3.2 Cooperating and Assisting Agencies**

### **4. Personnel On Site**

### **5. Definition of Terms**

### **6. Additional sources of information**

#### **6.1 Internet location of additional information/reports**

#### **6.2 Reporting Schedule**

### **7. Situational Reference Materials**